

### 201.3 - pD Calibration (powder form)

These SRMs are intended for the preparation of solutions of known deuterium ion activity to calibrate pH instruments to indicate pD data. SRMs 2186-I and 2186-II, and 2191a and 2192a are certified for use as admixtures only.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	2185	2186I	2186II	2191a	2192a
Description	Potassium Hydrogen Phthalate pD Standard	Potassium Dihydrogen Phosphate	Disodium Hydrogen Phosphate	Sodium Bicarbonate	Sodium Carbonate
Unit of Issue	(60 g)	(30 g)	(30 g)	(30 g)	(30 g)
pD(S) Values (at 25 °C)	4.518	7.428	7.428	10.732	10.732

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only